



FOR OWNER

Malta

## INTERNATIONAL AIR POLLUTION PREVENTION CERTIFICATE

(This certificate shall be supplemented by a Record of Construction and Equipment)

(Supplement No. 16HO00408-APR )

Certificate No. 16HO00408-APP

Issued under the provisions of the Protocol of 1997, as amended by resolution MEPC.176(58) in 2008, to amend the  
INTERNATIONAL CONVENTION FOR THE PREVENTION OF POLLUTION FROM SHIPS, 1973,  
as modified by the Protocol of 1978 related thereto (hereinafter referred to as "the Convention")

under the authority of the Government of:

the Republic of Malta

by NIPPON KAIJI KYOKAI

## Particulars of ship

Name of ship : LUCY OLDENDORFF  
Distinctive number or letters : 9HA3178  
Port of registry : Valletta  
Gross tonnage : 20,867  
IMO Number : IMO 9587166

## THIS IS TO CERTIFY:

1. That the ship has been surveyed in accordance with regulation 5 of Annex VI of the Convention; and
2. That the survey shows that the equipment, systems, fittings, arrangements and materials fully comply with the applicable requirements of Annex VI of the Convention.

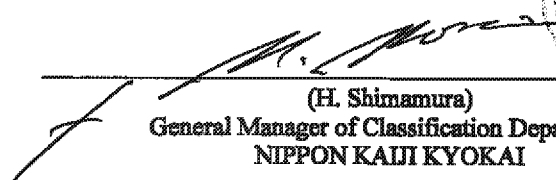
Completion date of survey on which this certificate is based: 10 December 2015

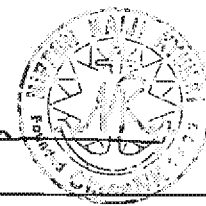
This Certificate is valid until <sup>1)</sup> 3 January 2021

subject to surveys in accordance with regulation 5 of Annex VI of the Convention.

Issued at Tokyo on 19 January 2016

*The undersigned declares that he is duly authorized by the said Government to issue this certificate.*

  
(H. Shimamura)  
General Manager of Classification Department  
NIPPON KAIJI KYOKAI



1) Insert the date of expiry as specified by the Administration in accordance with regulation 9.1 of Annex VI of the Convention. The day and the month of this date correspond to the anniversary date as defined in regulation 2.3 of Annex VI of the Convention, unless amended in accordance with regulation 9.8 of Annex VI of the Convention.

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*Endorsement for annual and intermediate surveys*

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THIS IS TO CERTIFY that, at a survey required by regulation 5 of Annex VI of the Convention, the ship was found to comply with the relevant provisions of that Annex:

*Due range for Annual Survey* : within 3 months before or after 3 January, each year.

*Due range for Intermediate Survey* : within 3 months before or after 3 January, 2018 or 2019.

Annual survey:

Place:

Date:

Signed: \_\_\_\_\_  
Surveyor to NIPPON KAIJI KYOKAI

Annual / Intermediate <sup>2)</sup> survey:

Place:

Date:

Signed: \_\_\_\_\_  
Surveyor to NIPPON KAIJI KYOKAI

Annual / Intermediate <sup>2)</sup> survey:

Place:

Date:

Signed: \_\_\_\_\_  
Surveyor to NIPPON KAIJI KYOKAI

Annual survey:

Place:

Date:

Signed: \_\_\_\_\_  
Surveyor to NIPPON KAIJI KYOKAI

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*Annual / intermediate survey in accordance with regulation 9.8.3*

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THIS IS TO CERTIFY that, at an annual / intermediate <sup>2)</sup> survey in accordance with regulation 9.8.3 of Annex VI of the Convention, the ship was found to comply with the relevant provisions of that Annex:

Place:

Date:

Signed: \_\_\_\_\_  
Surveyor to NIPPON KAIJI KYOKAI

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2) Delete as appropriate.

*Endorsement to extend the certificate if valid for less than 5 years where regulation 9.3 applies*

The ship complies with the relevant provisions of the Annex, and this certificate shall, in accordance with regulation 9.3 of Annex VI of the Convention, be accepted as valid until: \_\_\_\_\_

Place:

Date:

Signed: \_\_\_\_\_  
Surveyor to NIPPON KAIJI KYOKAI

*Endorsement where the renewal survey has been completed and regulation 9.4 applies*

The ship complies with the relevant provisions of the Annex, and this certificate shall, in accordance with regulation 9.4 of Annex VI the Convention, be accepted as valid until: \_\_\_\_\_

Place:

Date:

Signed: \_\_\_\_\_  
Surveyor to NIPPON KAIJI KYOKAI

*Endorsement to extend the validity of the certificate until reaching the port of survey or for a period of grace where regulation 9.5 or 9.6 applies*

This certificate shall, in accordance with regulation 9.5 / 9.6 <sup>2)</sup> of Annex VI of the Convention, be accepted as valid until: \_\_\_\_\_

Place:

Date:

Signed: \_\_\_\_\_  
Surveyor to NIPPON KAIJI KYOKAI

*Endorsement for advancement of anniversary date where regulation 9.8 applies*

In accordance with regulation 9.8 of Annex VI of the Convention, the new anniversary date is: \_\_\_\_\_

Place:

Date:

Signed: \_\_\_\_\_  
Surveyor to NIPPON KAIJI KYOKAI

In accordance with regulation 9.8 of Annex VI of the Convention, the new anniversary date is: \_\_\_\_\_

Place:

Date:

Signed: \_\_\_\_\_  
Surveyor to NIPPON KAIJI KYOKAI

2) Delete as appropriate.

FOR OWNER

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SUPPLEMENT TO  
INTERNATIONAL AIR POLLUTION PREVENTION CERTIFICATE  
(IAPP CERTIFICATE)

RECORD OF CONSTRUCTION AND EQUIPMENT

Supplement No. 16HO00408-APR

Notes:

1. This Record shall be permanently attached to the IAPP Certificate. The IAPP Certificate shall be available on board the ship at all times.
2. The Record shall be at least in English, French or Spanish. If an official language of the issuing country is also used, this shall prevail in case of a dispute or discrepancy.
3. Entries in boxes shall be made by inserting either a cross (x) for the answers "yes" and "applicable" or a dash (-) for the answers "no" and "not applicable" as appropriate.
4. Unless otherwise stated, regulations mentioned in this Record refer to regulations of Annex VI of the Convention and resolutions or circulars refer to those adopted by the International Maritime Organization.

1. Particulars of ship

- 1.1 Name of ship LUCY OLDENDORFF
- 1.2 IMO number IMO 9587166
- 1.3 Date on which keel was laid or ship was at a similar stage of construction  
18 June 2010
- 1.4 Length (L) # metres

2. Control of emissions from ships

2.1 Ozone-depleting substances (regulation 12)

- 2.1.1 The following fire-extinguishing systems, other systems and equipment containing ozone-depleting substances, other than hydrochlorofluorocarbons (HCFCs), installed before 19 May 2005 may continue in service:

System or equipment	Location on board	Substance
	<i>Nil</i>	

# Completed only in respect of ships constructed on or after 1 January 2016 that are specially designed, and used solely, for recreational purposes and to which, in accordance with regulation 13.5.2.1, the NOx emission limit as given by regulation 13.5.1.1 will not apply.

2.1.2 The following systems containing HCFCs installed before 1 January 2020 may continue in service:

System or equipment	Location on board	Substance
<i>Nil</i>		

## 2.2 Nitrogen oxides (NOx) (regulation 13)

2.2.1 The following marine diesel engines installed on this ship comply with the applicable emission limit of regulation 13 in accordance with the revised NOx Technical Code 2008:

	Engine #1	Engine #2	Engine #3	Engine #4	Engine #5	Engine #6
Manufacturer and model	STX MAN B&W 6S42MC-MK7 (STX)	5L16/24 (ZHENJIANG)	5L16/24 (ZHENJIANG)	5L16/24 (ZHENJIANG)		
Serial number	SB6842-08068	10248	10249	10250		
Use	Main Propulsion	Generator	Generator	Generator		
Power output(kW)	6480	500	500	500		
Rated speed(rpm)	136	1200	1200	1200		
Date of installation (dd/mm/yyyy)	—	—	—	—		
Date of major conversion (dd/mm/yyyy)	According to Reg.13.2.2	—	—	—		
	According to Reg.13.2.3	—	—	—		
Exempted by regulation 13.1.1.2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tier I Reg.13.3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tier II Reg.13.4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tier II Reg.13.2.2 or 13.5.2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tier III Reg.13.5.1.1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Approved method exists	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Approved method not commercially available	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Approved method installed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## 2.3 Sulphur oxides (SOx) and particulate matter (regulation 14)

2.3.1 When the ship operates outside of an Emission Control Area specified in regulation 14.3, the ship uses:

.1 fuel oil with a sulphur content as documented by bunker delivery notes that does not exceed the limit value of:

\* 4.50% m/m (not applicable on or after 1 January 2012); or ----- ☐\* 3.50% m/m (not applicable on or after 1 January 2020); or ----- ☒\* 0.50% m/m, and/or ----- ☒

.2 an equivalent arrangement approved in accordance with regulation 4.1 as listed in 2.6 that is at least as effective in terms of SOx emission reductions as compared to using a fuel oil with a sulphur content limit value of:

\* 4.50% m/m (not applicable on or after 1 January 2012); or ----- ☐\* 3.50% m/m (not applicable on or after 1 January 2020); or ----- ☐\* 0.50% m/m ----- ☐

2.3.2 When the ship operates inside an Emission Control Area specified in regulation 14.3, the ship uses:

.1 fuel oil with a sulphur content as documented by bunker delivery notes that does not exceed the limit value of:

\* 1.00% m/m (not applicable on or after 1 January 2015); or ----- ☐\* 0.10% m/m, and/or ----- ☒

.2 an equivalent arrangement approved in accordance with regulation 4.1 as listed in 2.6 that is at least as effective in terms of SOx emission reductions as compared to using a fuel oil with a sulphur content limit value of:

\* 1.00% m/m (not applicable on or after 1 January 2015); or ----- ☐\* 0.10% m/m ----- ☐

## 2.4 Volatile organic compounds (VOCs) (regulation 15)

2.4.1 The tanker has a vapour collection system installed and approved in accordance with MSC/Circ.585. ----- ☐2.4.2.1 For a tanker carrying crude oil, there is an approved VOC management plan ----- ☐

2.4.2.2 VOC management plan approval reference: -----

## 2.5 Shipboard incineration (regulation 16)

The ship has an incinerator:

- .1 installed on or after 1 January 2000 that complies with resolution MEPC.76(40) as amended ----- ☒
- .2 installed before 1 January 2000 that complies with:
- .2.1 resolution MEPC.59(33) ----- ☐
- .2.2 resolution MEPC.76(40) ----- ☐

## 2.6 Equivalents (regulation 4)

The ship has been allowed to use the following fitting, material, appliance or apparatus to be fitted in a ship or other procedures, alternative fuel oils, or compliance methods used as an alternative to that required by this Annex:

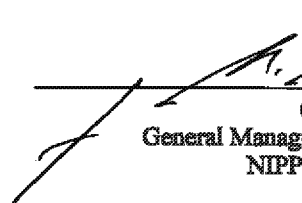
System or equipment	Equivalent used	Approval reference
	<i>Nil</i>	

THIS IS TO CERTIFY that this Record is correct in all respects.

Issued at

Tokyo

on 19 January 2016

  
 (H. Shimamura)  
 General Manager of Classification Department  
 NIPPON KAIJI KYOKAI

